

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-20 (canceled).

Claim 21 (currently amended). A method of vascularizing cardiac tissue of a living being using an instrument extended through a portion of the vascular system of the living being to an entry situs located at or adjacent the cardiac tissue comprising the steps of:

- (a) providing a flowable agent comprising a plurality of microspheres or microparticles having a particulate size range of approximately 1 micron to approximately 1 mm;
- (b) introducing said flowable agent through said instrument at said entry situs;
- (c) imparting a particle moving force through said instrument to said microspheres or microparticles, said particle-moving force being generated external to the living being to cause said microspheres or microparticles to pass directly through contiguous tissue to target cardiac tissue located remotely from said entry situs, said particle-moving force creating kinetic energy to impart a high pressure on the microspheres or microparticles of several thousand psi, said microspheres or microparticles passing through said contiguous tissue under the impetus of said particle-moving force without any mechanical means carrying said microspheres or microparticles through said contiguous tissue, whereupon said microspheres or microparticles directly enter said target cardiac tissue;

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- (d) forming a plurality of channels in the wall of the myocardium at spaced locations from one another and in communication with the interior of the heart; and
- (e) introducing said flowable agent into said channels.

Claim 22 (canceled).

Claim 23 (original). The method of Claim 21 additionally comprising applying a biologically active material to the myocardium to result in the production of said channels.